

west virginia department of environmental protection

Office of Oil and Gas 601 57<sup>th</sup> Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Thursday, September 30, 2021 WELL WORK PLUGGING PERMIT Vertical Plugging

DIVERSIFIED PRODUCTION LLC 101 MCQUISTON DRIVE JACKSON CENTER, PA 16133

Re: Permit approval for 11112 47-041-02881-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450



10/01/2021

Operator's Well Number:11112Farm Name:WVU BOARD OF GOVERNOPU.S. WELL NUMBER:47-041-02881-00-00VerticalPluggingDate Issued:9/30/2021

Promoting a healthy environment.

## **PERMIT CONDITIONS**

West Virginia Code § 22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. <u>Failure to adhere to the specified</u> permit conditions may result in enforcement action.

### CONDITIONS

- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 3. Well work activities shall not constitute a hazard to the safety of persons.

WW-4B Rev. 2/01

4704102881P 1) Date September 23 , 2021 2) Operator's Well No. 11112 3) API Well No. 47-041 - 02881 STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS APPLICATION FOR A PERMIT TO PLUG AND ABANDON 4) Well Type: Oil \_\_\_/ Gas X / Liquid injection \_\_\_/ Waste disposal \_\_\_/ (If "Gas, Production X or Underground storage \_\_\_) Deep \_\_/ ShallowX 5) Location: Elevation 989ft Watershed Freemans Creek District Freemans Creek County Lewis Quadrangle Weston 6) Well Operator Diversified Production, LLC 7) Designated Agent Jeff Mast Address 414 Summers Street Address 31 Hickory Drive Charleston, WV 25301 Barboursville, WV 25504

Oil and Gas Inspector to be notified Sam Ward Name Address P.O. Box 2327 Buckhannon, WV 26201

9) Plugging Contractor Name R & J Well Services Address P.O. Box 40 Hueysville, KY 41640-0040

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

D War & Date 9/27/2021 Work order approved by inspector

### 10/01/2021

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API No47-041-02881FarmWVU Board of GovernorsWell #11112CountyLewis, WV

### PLUGGING PROCEDURE

- 1 Run Tubing to TD
- 2 Establish Circulation w/ Fresh Water, Load Hole w/ Fresh Water

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- 3 Set Cement Plug #1 (Balanced Plug), TOOH
- 4 Tag TOC, Set CIBP w/ WL
- 5 TIH, Set Cement Plug #2 (Balanced Plug), TOOH
- 6 Set Cement Plug #3 (Balanced Plug), TOOH
- 7 Tag TOC, Set CIBP w/ WL
- 8 TIH, Set Cement Plug #4 (Balanced Plug), TOOH
- 9 Set Cement Plug #5 (Balanced Plug), TOOH
- 10 Tag TOC, Set CIBP w/ WL
- 11 TIH, Set Cement Plug #6 (Balanced Plug), TOOH
- 12 Free Point, Cut and Recover 4-1/2" Casing
- 13 TIH, Set Cement Plug #7 (Balanced Plug), TOOH

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- 14 Set Cement Plug #8 (Balanced Plug), TOOH
- 15 Install Monument

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5 2W 9(27/2021

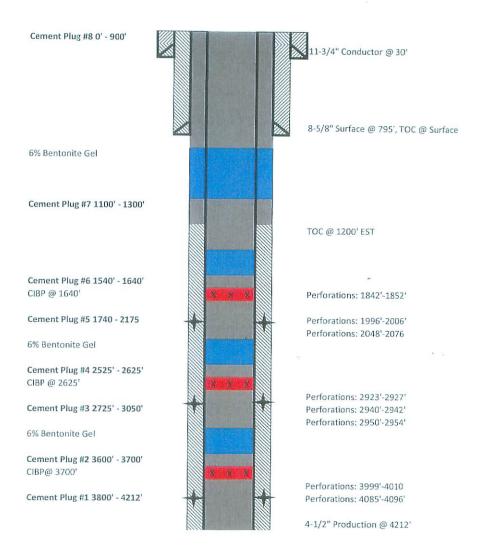
 API No
 47-041-02881

 Farm
 WVU Board of Governors

 Well #
 11112

 County
 Lewis, WV





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SEP 2.4 2021

WV Department of Environmental Protection 10/01/2021 WR-35 Rev (5-01) .

DATE: 07/18/2007 API # : 47 041 02881F

State of West Virginia Department of Environmental Protection Office of Oil and Gas

## 47041028818

Well Operator's Report of Well Work

weit Oper	ator's Report of w				
Farm name: <u>WVU Board of Governors</u>	Орет	ator Well No.:	11112		
LOCATION: Elevation: 999'	Qua	adrangle: <u>We</u>	ston 7.5'		
District: Freeman's Creek	Coi	unty: <u>Lev</u>	vis		
Latitude: 12,550 Feet South of 39 D	eg07Min3	0Sec.			
Longitude 5,020 Feet West of 80 Deg	g. <u>27_</u> Min30S	ec.			
Company: Dominion Exploration & Production.		1	<b>I</b>		
	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Address: P O Box 1248					
Jane Lew, WV 26378					
Agent: Rodney J. Biggs					
Inspector: Tim Bennett			ļ		
Date Permit Issued: 03/28/2007					
Date Well Work Commenced:			ļ		
Date Well Work Completed: 07/10/2007			l		
Verbal Plugging: N/A		See	Previous	WR-35 for	
Date Permission granted on: N/A		existing	Casing prog		
Rotary Cable X Rig					
Total Depth (feet):					
Fresh Water Depth (ft.): N/A					
Salt Water Depth (ft.): N/A					
Is coal being mined in area (N/Y)? N					
Coal Depths ft.):N/A	I	I	1	I	
OPEN FLOW DATA					
Bayard			2048-207		
Producing formation <u>5<sup>th</sup> Sand</u>	Pay	zone depth (ft)	<u>1996-200</u>	<u>)6</u>	
Gas: Initial open flow MCF/d	Oil: Initial open	flow 0	Bbl/d		
Final open flow 189 MCF/	d Final open t	flow 0			
Time of open flow between initial a	nd final tests	12 H	ours		
Static rock Pressure 110 psig	(surface pressur	re) after 12	Hours		
			_		
Second producing formation <u>Gordon</u>	Pay :	zone depth (ft)	1842-1852	,	
Gas: Initial open flow <u>*</u> MCF/d	Oil: Initial oper	ı flow <u>*</u>	Bbl/d	B	CEIVED
Final open flow <b>*</b> MCF/d	Final open fl	ow*	Bb1/d		of Oil and Ga
Time of open flow between initial a	ind final tests	<u>*</u> Ho	urs	0ED	0 4 2024
Static rock Pressure <u>*</u> psig (s	surface pressure)	after <u>*</u>	Hours	SEP	<b>2</b> : <b>4</b> 2021
*Commingled with previous formations	•			WV D	partment of
NOTE: ON BACK OF THIS FORM PUT TH				red Environm	ental Protecti
INTERVALS, FRACTURING OR STIMULA	ATING, PHYSICA	AL CHANGE, 1	ETC. 2). THE W	ELL	
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Signed:	Ren	plan!			5
By: Rodney J. Biggs	, , ,	<u> </u>		Office of Chief	ļ
Date:	7/	3110-7	M	aug - 6 2007	
			-	WV Department	51
				Environmental Prote	

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#### WELL NWV 11112

# 4704102881P

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WV Department of Environmental Protection

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7/10/07

Page 2

PERFED AND FRACED AS FOLLOWS: BAYARD, 2048'-2076', 20 HOLES, BD 1217#, AVG RATE 17 BPM, AVG PRESS 1473#,

257 BBLS, TOT SAND 15,000#, ISIP 1250# 5TH SAND, 1996-2006', 21 HOLES, BD 2118#, AVG RATE 13 BPM, AVG PRESS 2783# 222 BBLS, TOT SAND 11,000#, ISIP 1550# GORDON, 1842'-1852', 21 HOLES, BD 2400#, AVG RATE 14 BPM, AVG PRESS 1858#,

279 BBLS, TOT SAND 15,000#, ISIP 1540#

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	Coml se	am depths:	42-46:100	-103;317-320	altf#et. al teing mined in	the sreat No_	_	
	Work wa	s commence	a Aug	<u>. 1</u> , 19	80, and complete	Aug.	5, 19 <u>80</u>	
	CASING AND T	VBING PROG	BRAM					
	CASING OR		FECIFICATIONS	700	TAGE INTERVALS	DEMENT FILL- 7	TACKET	:5
-	TUBING TYPE	5128 271	ide per ft lie	x Uset For tra	<u>Line 1. et in vei</u>	1 Junio Carro	-	
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-	Fresh water						<u> </u>	
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	551	4513 F98K	pressure,	psig (sur	face measurement			Environmental Protection
						<u></u>	in priverae ald	

10/01/2021

70RM IV-35 (Reverse) (38-73)

DETAILS OF PERFORATED INTERVALS, FRACTURING OF STUMULATING, PHYSICAL COPYOE, ETC.

L. Benson	4085 - 4096
Benson	3999 - 4010
Balltown	2923 - 2927
	2940 - 2 <del>9</del> 42
	2950 - 2954

4E11 103

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FORMATION	Coltr	Hara ar	<u> 7997</u>	Bottom Feet	Remarks Including indication of a 1 froor and salt water, spal, 10 and salt
Swamp			0	13	
Sand		}	13	42	
Coal	1	1	42	46	
Sand			46	100	1
Coal			100	103	
Sand			103	190	
Coal		Į	190	194	
Sand		1	194	317	
Coal			317	. 320	
Sand		}	320	375	
Coal		I	375	380	
Sand			380	565	
Sand & Shale	1	}	565	1130	
B. Lime & Injun		1	1130	1342	
Sand - Shale		} :	1342	3920	
Brown Sand			3920	3930	
Shale			3930	3960	
Benson			3960	3970	
Shale		1	3970	3980	
Brown Sand			3980	4030	
Shale			4030	4080	
Brown Sand		1	4080	4100	
Shale			4100	4250	
Share			1100	1200	
<u>Gamma Ray Log</u>					
5th Sand			1990	2010	
Balltown	· ·		2890	2960	
BEnson			3995	4010	
L. Benson	1		4080	4098	
		1			

Attach separats sheets to complete as necessory

James E Scott Am  $\mathcal{C}$ e ÷x Owner/Operator Ito

YTTE: Reputation 2.32%, provides is follows: "The serm "log" or "well log" shall mean i subtensio, desclud geological rests of "liferisions, including scal, ensummered in the drilling of i Well."

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## 4704102881P

02881

WW-4A	
Revised	6-07

- 1) Date: September 23, 2021
- 2) Operator's Well Number 11112

041

3) API Well No.: 47 -

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS <u>NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL</u>

4)	Surface Own	ner(s) to be served:	5) (a) Coal Operator	
	(a) Name	West Virginia Universitiy Board of Gove	mors Name	None
	Address	P.O. Box 9030	Address	
		Morgantown, WV 26506		
	(b) Name		(b) Coal Ow	ner(s) with Declaration
	Address		Name	A. Edward O'Hara and Jean Ann O'Hara, Co-Trustees
			Address	of A. Edward O'Hara and Jean Ann O'Hara Vivos Trust
				5812 Garden Lakes Drive
	(c) Name		Name	Bradenton, FL 34203
	Address		Address	
6)	Inspector	Sam Ward	(c) Coal Les	see with Declaration
	Address	P.O. Box 2327	Name	No Declaration
		Buckhannon, WV 26201	Address	
	Telephone	304-389-7583		
	Telephone		Address	

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and

(2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

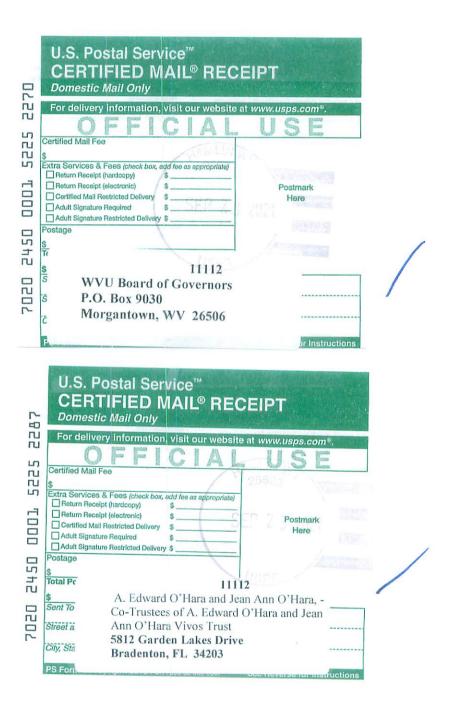
OFFICIAL SEAL NOTARY PUBLIC         Well Operator         Diversified-Production, LLC           STATE OF WEST VIRGINIA Phyllis A. Copley         By: Its:         Diversified-Production, LLC	EIVED Dil and Gas
144 Willard Circle Address 414 Summers Street	-1-2021
Huntcane, WV 25528 Charleston, WV 25301 OEP 27	4 2021
Telephone 304-543-6988 WV Dena	rtment of
Environmenta	al Protection
Subscribed and sworn before me this 23rd day of September, 202)	
My Commission Expires September 16, 2023	

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at <u>depprivacyoffier@wv.gov</u>.



# 4704102881P 47-041-02881 Wey 11112



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WV Department of Environmental Protection

10/01/2021

STATE OF WEST VIRGINI DEPARTMENT OF ENVIRONMENTAL	PROTECTION
OFFICE OF OIL AND GAS FLUIDS/ CUTTINGS DISPOSAL & RECLA	
Operator Name Diversified Production, LLC	OP Code 494524121
Watershed (HUC 10)_Freemans Creek Quadrangle	Weston
Do you anticipate using more than 5,000 bbls of water to complete the proposed Will a pit be used? Yes <u>V</u> No <u>No</u>	
If so, please describe anticipated pit waste: Produced fluid and cemer	nt returns
Will a synthetic liner be used in the pit? Yes 🖌 No 🔤 I	f so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:	
Land Application (if selected provide a completed for Underground Injection (UIC Permit Number Reuse (at API Number Off Site Disposal (Supply form WW-9 for disposal lo Other (Explain Will use tank HG 1209 for all fluid recover	) () ()
Will closed loop systembe used? If so, describe: <u>N/A</u>	
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwa	ater, oil based, etc. N/A
-If oil based, what type? Synthetic, petroleum, etc. N/A	
Additives to be used in drilling medium? N/A	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etcN/A	
-If left in pit and plan to solidify what medium will be used? (cement,	lime, sawdust) N/A
-Landfill or offsite name/permit number? <u>N/A</u>	

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for o btaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for a submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Company Official (Typed Name) Company Official Title	Jeff Mast Director Production		OFFICIAL SEAL NOTARY PUBLIC STATE OF WEST VIRGINIA Phyllis A. Copiey 144 Willard Circle Municane, WV 25528 Commission Expires September 16, 2023
Subscribed and sworn before me	this 23rd day of September Multis a. Copley	, 2021 Notary Public	BECEWER
My commission expires Sep	tember 16, 2023		Office of Oil and

Gas

47041028818

SEP 2:4 2021

WV Department of P1/2021ptection

# 4704102881P

Operator's Well No. 11112

sed Revegetation Treat	ment: Acres Disturbed 1 +/-	Preveg etation pH
Lime 3	Tons/acre or to correct to pH 6.5	
Fertilizer type	10-20-20 or equivalent	
Fertilizer amount	lbs/acre	
Mulch 2	Tons/acre	

### Seed Mixtures

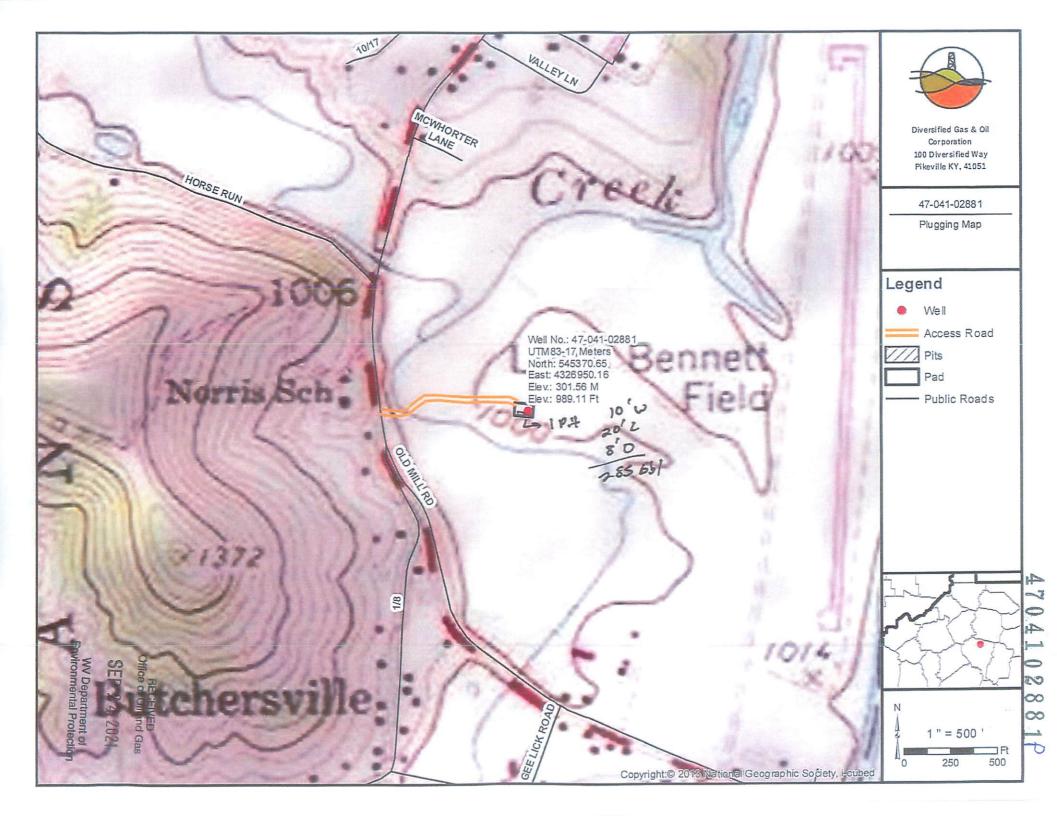
emporary	Perma	nent
lbs/acre 40	Seed Type Red Fescue	lbs/acre 15
5	Alsike Clover	5
15		
	<sup>Ibs/acre</sup> 40 5	Ibs/acre     Seed Type       40     Red Fescue       5     Alsike Clover

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Duald
Comments:
itle: OOG Inspector Date: 9/27/2021
ield Reviewed? ()Yes ()No



WW-7 8-30-06	
West Virginia Department of	
Office of Oil WELL LOCATIO	
WELL LUCATIO	IV FURIVI: GPS
<sub>API:</sub> 47-041-02881	WELL NO.: 11112
FARM NAME: WVU Board of Go	overnors
RESPONSIBLE PARTY NAME: Divers	ified Production LLC
	DISTRICT: Freemans Creek
QUADRANGLE: Weston	
SURFACE OWNER: WVU Board o	f Governors
ROYALTY OWNER: A. Edward O'h	
UTM GPS NORTHING: 4,326,950.1	
utm gps easting: 545,370.6	GPS ELEVATION: 989'
<ul> <li>The Responsible Party named above has chosen preparing a new well location plat for a pluggin above well. The Office of Oil and Gas will not the following requirements: <ol> <li>Datum: NAD 1983, Zone: 17 North height above mean sea level (MSL)</li> <li>Accuracy to Datum – 3.05 meters</li> <li>Data Collection Method: Survey grade GPS : Post Processed Displacements</li> </ol> </li> </ul>	ng permit or assigned API number on the accept GPS coordinates that do not meet , Coordinate Units: meters, Altitude: – meters.

Real-Time Differential

Mapping Grade GPS X\_\_\_: Post Processed Differential X\_\_\_\_

Real-Time Differential

4. Letter size copy of the topography map showing the well location. I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature	Director Production	9/23/2021 Date	
		WV Department of Environmental Protect 10/01/2021	nt ion



Stansberry, Wade A <wade.a.stansberry@wv.gov>

## Plugging Vertical Well Work Permit (API: 47-041-02881)

1 message

**Stansberry, Wade A** <wade.a.stansberry@wv.gov> Thu, Sep 30, 2021 at 11:46 AM To: "Mast, Jeff" <jmast@dgoc.com>, "Ward, Samuel D" <samuel.d.ward@wv.gov>, John Breen <jbreen@assessor.state.wv.us>

I have attached a copy of the newly issued well permit number "11112", API (47-041-02881). This will serve as your copy.

If you have any questions, then please contact us here at the Office of Oil and Gas.

Thank you,

Wade A. Stansberry

**Environmental Resource Specialist 3** 

West Virginia Department of Environmental Protection

Office of Oil & Gas

601 57th St. SE

Charleston, WV 25304

(304) 926-0499 ext. 41115

(304) 926-0452 fax

Wade.A.Stansberry@wv.gov

2 attachments

A7-041-02881 - Copy.pdf

BIR-8 Blank.pdf 157K